

## WHAT IS CLAIMED IS:

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1. A three-piece solid golf ball comprising a core, an intermediate layer formed on the core, and a cover covering the intermediate layer, wherein the core has a JIS-C surface hardness of 65 to 83 and a deformation amount of 2.8 to 5.3 mm when applying from an initial load of 10 kgf to a final load of 130 kgf on the core, a JIS-C hardness of the core is substantially uniform from its center to surface, the intermediate layer has a Shore D hardness of 63 to 70, the cover has a Shore D hardness of 45 to 62, and a Shore D hardness difference between the intermediate layer and the cover of 3 to 20.

2. The three-piece solid golf ball according to Claim 1, wherein a distribution of JIS-C hardness, when determined at any point between the center and the surface of the core, is within the range of 5.

3. The three-piece solid golf ball according to Claim 1, wherein the intermediate layer has a specific gravity of not less than 1.2 and the cover has a specific gravity of less than 1.2.

4. The three-piece solid golf ball according to Claim 1, wherein the core is formed from a rubber composition comprising 20 to 32 parts by weight of a co-crosslinking agent, 0.5 to 3.0 parts by weight of an organic peroxide and 0.05 to 5 parts by weight of an

organic sulfide compound, based on 100 parts by weight of cis-1, 4-polybutadiene containing not less than 40 molar % of a cis-1, 4 bond.

5. The three-piece solid golf ball according to  
5 Claim 1, wherein the intermediate layer has a thickness of 1.0 to 2.5 mm and the cover has a thickness of 1.0 to 2.5 mm.

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